



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10/674,154         |
| Filing Date            | 09/29/03           |
| First Named Inventor   | Felix A. Perriello |
| Art Unit               | 1724               |
| Examiner Name          |                    |
| Attorney Docket Number | GLOB 63966         |

## ENCLOSURES (Check all that apply)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance communication to Technology Center (TC)        |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer                              | - Form PTO/SB/08A   |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> Request for Refund                               | - return postcard   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s) _____                        |   |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application   |   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |   |
|-------------------------|---|
| Firm or Individual name | Tara L. Pfaffle<br>Pietragallo, Bosick & Gordon |
| Signature               |   |
| Date                    | 03/09/2004                                      |

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

|                       |                 |      |            |
|-----------------------|-----------------|------|------------|
| Typed or printed name | Tara L. Pfaffle |      |            |
| Signature             |                 | Date | 03/09/2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
FELIX A. PERRIELLO : METHODS AND APPARATUS FOR  
Serial No.: 10/674,154 : TREATING AGRICULTURAL  
Filed: September 29, 2003 : WASTE AND PRODUCING  
Group Art Unit: 1724 : PLANT GROWTH-ENHANCING  
: MATERIAL  
: Attorney Docket No. GLOB 63966

**INFORMATION DISCLOSURE STATEMENT**

March 9, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR Sections 1.56, 1.97 and 1.98,  
Applicant submits herewith the attached Form PTO/SB/08A listing U.S. Patents and  
Published Applications for consideration during prosecution of this application.

This Statement is filed solely for the purpose of complying with the  
pertinent rules of the Office and is not intended to be a substitute for an independent  
evaluation by the Examiner of the art cited or an independent search by the Examiner,  
and no representation of any nature is made or intended by the filing of this Statement.

Respectfully submitted,

A handwritten signature in black ink that reads "Tara L. Pfaffle".

Tara L. Pfaffle  
Registration No. 52,605  
Pietragallo, Bosick & Gordon  
One Oxford Centre, 38<sup>th</sup> Floor  
301 Grant Street  
Pittsburgh, PA 15219  
Telephone No.: (412) 263-4385  
Facsimile No.: (412) 261-0915  
Patent Agent for Applicant



Please type a plus sign (+) inside this box



Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE +

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

|  |   |    |   |                        |                    |
|--|---|----|---|------------------------|--------------------|
| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | Complete if Known      |                    |
| Sheet  | 1 | of | 3 | Application Number     | 10/674,154         |
|  |   |    |   | Filing Date            | 09/29/03           |
|  |   |    |   | First Named Inventor   | Felix A. Perriello |
|  |   |    |   | Group Art Unit         | 1724               |
|  |   |    |   | Examiner Name          |                    |
|  |   |    |   | Attorney Docket Number | GLOB 63966         |

| U.S. PATENT DOCUMENTS |                       |                              |                                   |   |  |   |
|-----------------------|-----------------------|------------------------------|-----------------------------------|---|--|---|
| Examiner Initials     | Cite No. <sup>1</sup> | U.S. Patent Document         |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |                       | Number                       | Kind Code <sup>3</sup> (if known) |   |  |   |
|                       |                       | 5,888,396                    |                                   | Perriello                                       | 03-30-1999                                       |   |
|                       |                       | 6,051,130                    |                                   | Perriello                                       | 04-18-2000                                       |   |
|                       |                       | 6,110,372                    |                                   | Perriello                                       | 08-29-2000                                       |   |
|                       |                       | 6,156,203                    |                                   | Anthony   | 12-05-2000                                       |   |
|                       |                       | 6,210,579                    |                                   | Perriello                                       | 04-03-2001                                       |   |
|                       |                       | 6,244,346                    |                                   | Perriello                                       | 06-12-2001                                       |   |
|                       |                       | 6,245,235                    |                                   | Perriello                                       | 06-12-2001                                       |   |
|                       |                       | 6,488,850                    |                                   | Perriello                                       | 12-03-2002                                       |   |
|                       |                       | 6,669,846                    |                                   | Perriello                                       | 12-30-2003                                       |   |
|                       |                       | Publication No. 2001/0023847 |                                   | Perriello                                       | 09-27-2001                                       |   |
|                       |                       | Publication No. 2002/0066566 |                                   | Perriello                                       | 06-06-2002                                       |   |
|                       |                       | Publication No. 2002/0195389 |                                   | Perriello                                       | 12-26-2002                                       |   |

| FOREIGN PATENT DOCUMENTS |                       |                         |                     |   |  |   |
|--------------------------|-----------------------|-------------------------|---------------------|---|--|---|
| Examiner Initials        | Cite No. <sup>1</sup> | Foreign Patent Document |                     | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                          |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known)               |  |   |
|                          |                       |                         |                     |   |  |   |
|                          |                       |                         |                     |   |  |   |
|                          |                       |                         |                     |   |  |   |

|                    |  |                 |
|--------------------|--|-----------------|
| Examiner Signature |  | Date Considered |
|--------------------|--|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

+ Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE +

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

|  |   |    |   |                        |                    |
|--|---|----|---|------------------------|--------------------|
| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | Complete if Known      |                    |
| Sheet  | 2 | of | 3 | Application Number     | 10/674,154         |
|  |   |    |   | Filing Date            | 09/29/03           |
|  |   |    |   | First Named Inventor   | Felix A. Perriello |
|  |   |    |   | Group Art Unit         | 1724               |
|  |   |    |   | Examiner Name          |                    |
|  |   |    |   | Attorney Docket Number | GLOB 63966         |

| U.S. PATENT DOCUMENTS |                       |                              |                                      |   |  |   |
|-----------------------|-----------------------|------------------------------|--------------------------------------|---|--|---|
| Examiner Initials     | Cite No. <sup>1</sup> | U.S. Patent Document         |                                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |                       | Number                       | Kind Code <sup>2</sup><br>(if known) |   |  |   |
|                       |                       | Publication No. 2003/0034301 |                                      | Perriello                                       | 02-20-2003                                       |   |
|                       |                       | Publication No. 2003/0044966 |                                      | Perriello                                       | 03-06-2003                                       |   |
|                       |                       | Publication No. 2003/0062306 |                                      | Perriello                                       | 04-03-2003                                       |   |
|                       |                       | Publication No. 2003/0066322 |                                      | Perriello                                       | 04-10-2003                                       |   |
|                       |                       | Publication No. 2003/0084609 |                                      | Perriello et al.                                | 05-08-2003                                       |   |
|                       |                       | Publication No. 2003/0136735 |                                      | Perriello                                       | 07-24-2003                                       |   |
|                       |                       | Publication No. 2003/0167686 |                                      | Perriello                                       | 09-11-2003                                       |   |

| FOREIGN PATENT DOCUMENTS |                       |                         |                     |   |  |   |
|--------------------------|-----------------------|-------------------------|---------------------|---|--|---|
| Examiner Initials        | Cite No. <sup>1</sup> | Foreign Patent Document |                     | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                          |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known)            |  |   |
|                          |                       |                         |                     |   |  |   |
|                          |                       |                         |                     |   |  |   |
|                          |                       |                         |                     |   |  |   |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

+ Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box  Approved for use through 10/31/99. OMB 0651-0031

PATENT AND TRADEMARK OFFICE: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |    |   |                          |                    |
|--|---|----|---|--------------------------|--------------------|
| <p>Substitute for form 1449A/PTO</p> <h1 style="text-align: center;">INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</h1> <p style="text-align: center;">(use as many sheets as necessary)</p> |   |    |   | <b>Complete if Known</b> |                    |
|  |   |    |   | Application Number       | 10/674,154         |
|  |   |    |   | Filing Date              | 09/29/03           |
|  |   |    |   | First Named Inventor     | Felix A. Perriello |
|  |   |    |   | Group Art Unit           | 1724               |
|  |   |    |   | Examiner Name            |                    |
| Sheet  | 3 | of | 3 | Attorney Docket Number   | GLOB 63966         |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**+ Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.